

#### The Infection Preventionist as Educator



Basics of Infection Prevention 2-Day Mini-Course October – November 2011

## Objectives

- Review three common types of educational presentations typically given by the IP
- Develop objectives for educational programs using sample action verbs
- Identify ways to keep the attention of the adult learner
- List key elements of preparing a presentation that will be effective if using Powerpoint as the media





## Types of Presentations

- Classroom/lecture style large group
  - New Hire Orientation
  - Charge Nurse Workshop
  - May use Powerpoint presentation
- Discussion small group
  - Department staff meetings
  - Task forces or teams
  - May use 1-2 page handouts/brochures
- Just-in-time one person
  - During unit rounds
  - Information sharing or corrective action needed



#### **Know the Audience**

- Assess the learning needs of your audience
  - New Employee Orientation or Charge Nurse meeting?
    - What do they need to know? Are they new to healthcare or experienced?
    - How can you make this personal to them to encourage them to listen and learn?
  - Department staff meeting?
    - What is their interest and willingness to hear about the rate of infection on their unit?
    - Will they be likely to cooperate with a change of practice?
  - Just-in-time?
    - How can you engage that employee to promote a change in behavior?



## Vary Educational Materials

- Large group setting
  - Needs a more structured format
  - Written objectives help guide presentation
- Small group setting
  - May or may not require a hand-out
  - Depends on complexity of information
  - Helps for them to HEAR, SEE, and DISCUSS
- Just-in-Time
  - Usually verbal discussion
  - May follow-up with location of policy or materials for further review



## Recognize Healthcare Learner Diversity

- Many part-time or temporary staff
- Contract labor, students, volunteers
- Wide gaps in ages
- Cultural differences
- Language barriers
- Little "scheduled" time for inservices
- Many educational levels







## Tailor Educational Approaches

- Try explaining "bloodborne pathogens" in a way that engages each segment of your workforce
  - Some = "I already know it"
  - Others = "I don't need to know it"
  - Even those that say = "I don't WANT to know it"

Who responds best to the "academic" approach?
Who needs to see a scary needle to make the point?
Who needs pictures / special language assistance?



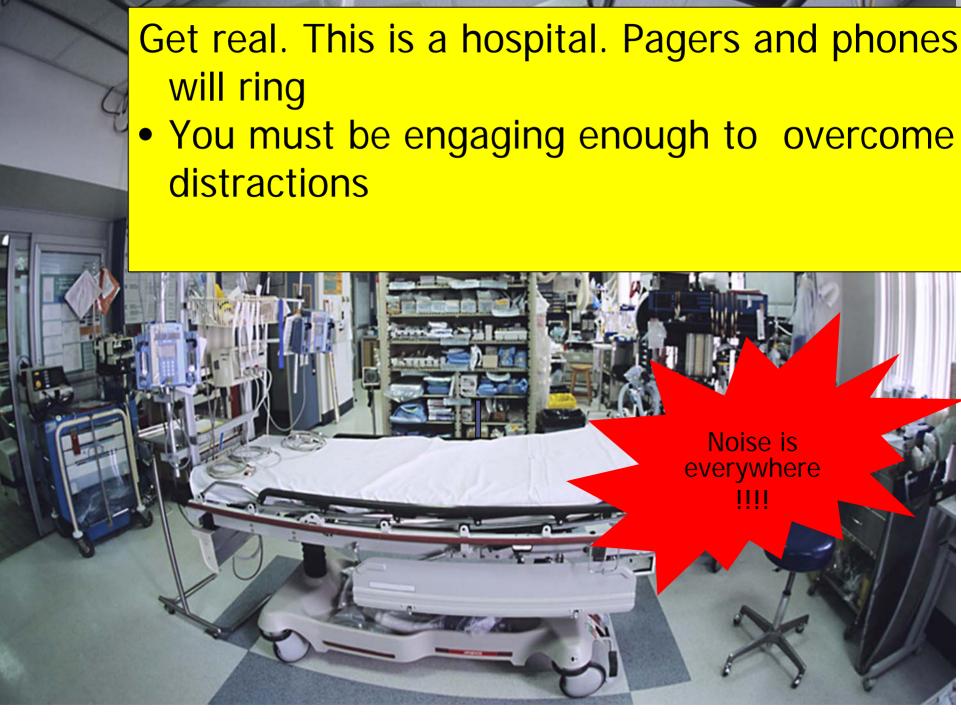


## Ideal Environments for Learning

- Comfortable seating
- Safe and non-threatening
- Pleasant room temperature
- No distractions from noise
- Frequent stretch / bathroom breaks
- Snazzy presentation / good handouts
- Willing and motivated learners







## Learning Objectives

- Three is a good number
- Give the learner a roadmap to the content of your presentation
- Should be measurable where feasible
- Begin objective statements with action verbs
  - Examples include
    - Discuss...
    - Describe...
    - Demonstrate...
    - Identify...
    - Compare...





## Innovative Ways to Teach Infection Prevention - 1

- Lectures
  - Sometimes necessary when need to give a lot of information
  - Good speaking skills required
  - Does not readily allow for student involvement
- Computer-based training
  - Self-paced
  - Can meet individual needs
  - Alternative to attending formal classroom training
  - Requires some level of computer skill



## Innovative Ways to Teach Infection Prevention – 2

- Games
  - Can be a "gathering tool" to engage students
  - Some adults may feel childish at first
  - Examples: scramble puzzles, word search, Jeopardy
- Case Studies / Clinical Experiences
  - Can help with problem solving skills
  - Often build on learners experience
  - Help people relate to their own work





# Innovative Ways to Teach Infection Prevention – 3

#### Simulation

- Staging of "infractions" in a mock room
- Challenge staff to spot the errors
  - Urinary catheter tube on the floor
  - Soiled dressing on an IV site

#### Educational cart

- Demonstration cart displaying educational materials/ DVD
- Placed on unit for access by all shifts
- Handouts, sign-in sheet
- Good for changes in policy or equipment
- Do not use if topic complex or a demonstration required





#### **Formal Presentations**

If a formal presentation is necessary, assess your readiness and get prepared

- •Are you comfortable with public speaking?
- Know your material very well so you are "sharing," not "lecturing"
- For new presenters
  - Practice in front of a mirror
  - Record yourself to hear "hums" and "haws"
  - Note any annoying mannerisms
  - Humor can be is good...but if you are not skilled at comedy, you may want to bypass this at first





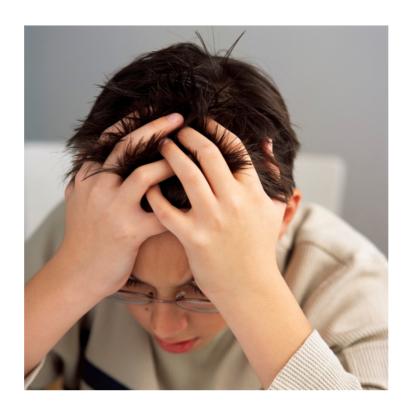
## PowerPoint Tips -1

- Keep it simple use the 666 rule
  - No more than 6 words per bullet point
  - No more than 6 bullet points per slide
  - No more than 6 text slides with a visual slide
- Font sizes
  - 32-36 point fonts for headings
  - 24-28 points for text
  - Use a clean font for easy reading
- Colors
  - Cool colors have good contrast
  - Warm colors can be difficult to read





## You will get better quickly, I promise







#### Bad slide.....bad slide

• Here is an example of a font that is too small

Oh this color hurts my eyes !!

Don't have too many "fly –ins"





### PowerPoint Tips – 2

- Know how to work AV equipment yourself
- Do a practice run
- Check your timing so you stay within the allotted time
  - A good estimate is about one minute per slide
- Always, always have a backup copy of your presentation on a flash drive
- Don't "read" the slides to the audience
  - Follow the slide outline
  - Elaborate or give examples for each point





#### A Successful Presentation

- Must be personal for the learner
  - "What's in it for me?"
- Make sure learners' time is well spent
- Be sure topic is relevant to learners and their work
  - Give them something that can be put into immediate use
  - People tend to learn what they can use





## See how easy that was?!









### **Questions?**

## For more information, please contact any HAI Liaison Team member

Thank you



